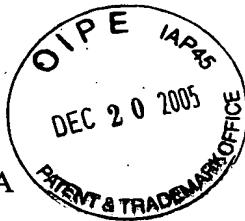


DOCKET NO: 230420US26YA



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

ANDREJ S. MITROVIC

: EXAMINER: SAXENA, AKASH

SERIAL NO: 10/673,583

:

FILED: SEPTEMBER 30, 2003

: GROUP ART UNIT: 2128

FOR: SYSTEM AND METHOD FOR
USING FIRST-PRINCIPLES
SIMULATION TO PROVIDE VIRTUAL
SENSORS THAT FACILITATE A
SEMICONDUCTOR MANUFACTURING
PROCESS

AMENDMENT UNDER 37 C.F.R. § 1.111

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Office Action dated September 20, 2005, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 16 of this paper.

12/21/2005 HAL111 00000108 10673583

01-FE-1806

100.00-0P